DEPARTMENT OF THE INTERIOR

UNITED STATES GEOLOGICAL SURVEY

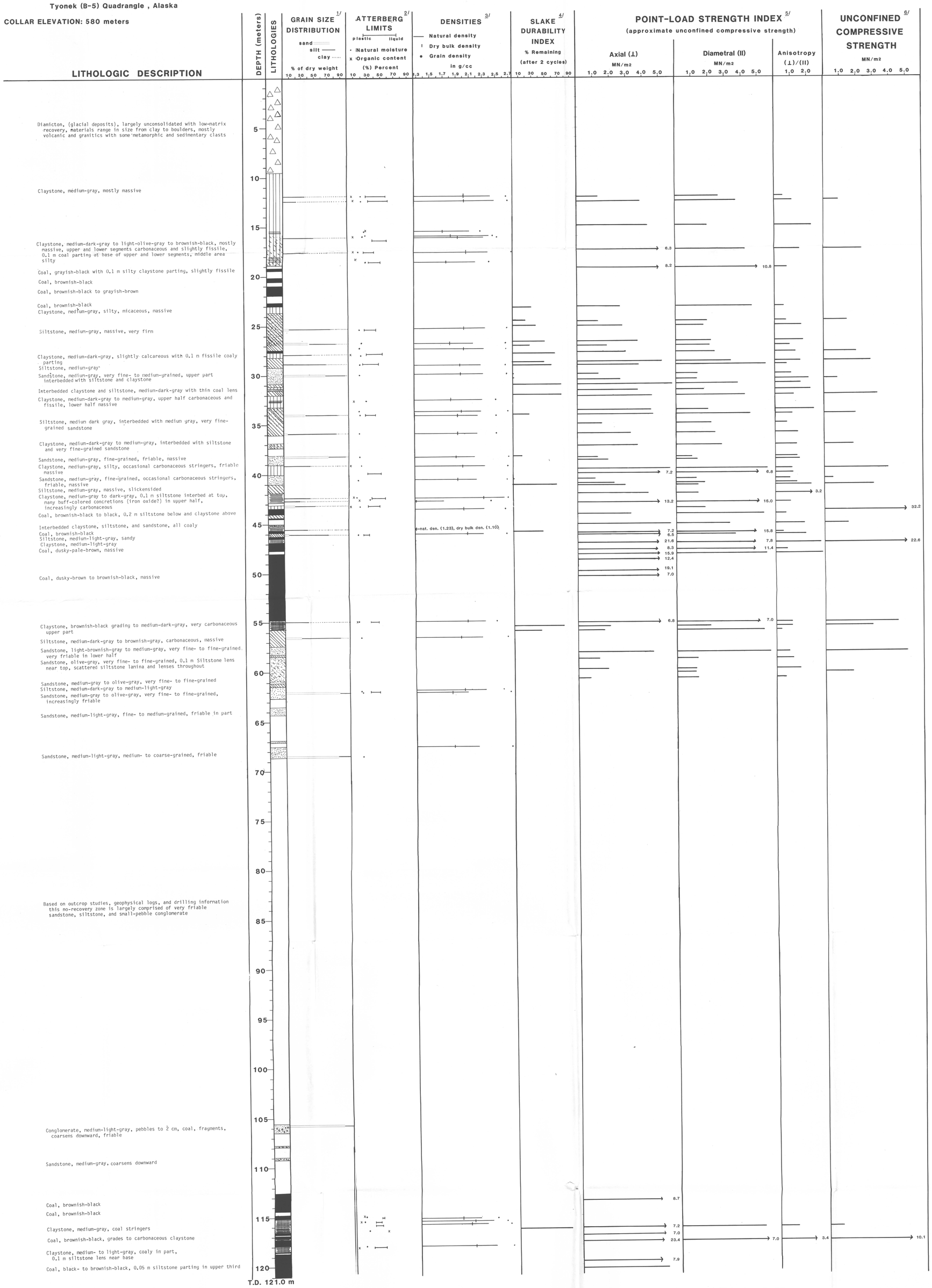
OPEN-FILE REPORT
86-382

PLATE 1

HOLE NO: 1C-79

LOCATION: Center of NE1/4 of Section 23, T 14 N, R 14 W,
Tyonek (B-5) Quadrangle , Alaska

COLLAR ELEVATION: 580 meters




## EXPLANATION

- DIAMICTON
- SANDSTONE
- SILTSTONE
- CLAYSTONE
- COAL
- CLAYSTONE- CARBONACEOUS

- Clayey
- Silty
- Carbonaceous

1/ Tested in accordance with ASTM D 422-63.

2/ Tested in accordance with ASTM D 423 and D 424.

3/ Tested in accordance with ASTM D 854 and Chleborad and others, 1975.

4/ Tested in accordance with method described by Franklin and Chandra, 1972.

5/ Tested in accordance with method described by Brock and Franklin, 1972. Calculated in meganewtons/meters$^2$ using the formula: $U=I_{s(50)} \times 24$.

II Diametral test (loaded parallel to bedding planes)

⊥ Axial test (loaded perpendicular to bedding planes)

6/ Tested in accordance with ASTM D 2166-66. 2166-66.

**Plate 1.--Lithologic and geotechnical data log for U. S. Geological Survey drill hole 1C-79.**

By

Jack K. Odum

1986